GOVERNMENT OF MYSORE, STORES PURCHASE COMMITTEE, BANGALORE.

No. 17260-61, *dated* 30*th April* 1931.

CONTRACTS PLACED BY THE GOVERNMENT OF MYSORE.

The following contracts were placed by the Stores Purchase Committee, during the week ending Saturday the 11th April, 1931 :—

Indent No. and description of articles	Quantity	Name of firm	Value of contract	
			Rs. a. p.	
I. I. 1820. Desks—Reversible on C. I. Stand, 6 ft. long.	40	The Mysore Iron Works, Bhadravati.	1,040 0 0	f. o. r. Bangalore
,, 1821. Spun yarn—A. Quality	19 tons	Messrs. Ganapati, Ltd., Calcutta.	4,737 8 0	do
,, 1822. Pumping Sets—Irrigation	12 sets	Messrs. Ellermans Arracan Rice & Trading Co.	4,440 0 0	do
,, 1823. Tarpaulins—12' x 13' H. Natural quality.	2	Messrs. Best & Co., Madras	166 14 0	f. o. r. Mysore
F. I. 854. Rattan—superior Sagar washed.	90 piculs	Messrs. Sime Derby & Co., Ltd., Singapore.	4,000 0 0	c. i. f. Madras
,, 855. Suspension Clamps suitable for 3/0 A. C. S. R. Cable with necessary accessories.	1,000	Messrs. Canadian Porcelain Co., Canada.	$1,462.60	do
Galvanized forges steel hooks.	400			
,, 856. Spares for motors at Jewell Filters in Bangalore.	..	Messrs. International General Electric Co., London.	£450 0 0	
,, 857. Cold Storage Plant of capacity of 1,500 c.ft.	1	Messrs. General Electric Co., Madras.	11,770 0 0	free delivery in Mysore Serum Institute and handing over in satisfactory working order.
,, 858. Suspension Links Galvad.	2,000	Messrs. R. Thomas Son & Co., New York.	$769·4 f. a. s.	New York
,, 859. Transformer for Kolar Gold Fields with spare bushings.	..	Messrs. International General Electric Co., through the Trade Commissioner for Mysore in London.	£378 0 0	
,, 860. Lamps, Fairyland "Mazda," 20 watt, 220 volts with porcelain base and rubber washers.	16,000	Messrs. Associated Electrical Industries (India) Ltd., Calcutta.	14,166 10 8	f. o. r. Mysore
,, Lamp holders with weather proof screw cap.	15 000	Do	7,570 5 0	do
,, 861. Knives Guillotin 42" wide	4	Messrs. John Greig & Sons, Edinbrough through the Trade Commissioner for Mysore in London.	£22 0 0	
,, 862. Surgical instruments required for Minto Opthalmic and Victoria Hospitals, Bangalore.	Lot.	Through the Trade Commissioner for Mysore in London.	2,500 0 0	
,, 850. Extn. Spare parts for Automatic Telephones.	Lot.	Messrs. The English Electric Co., Madras.	£115 9 5½	

CONTRACTS PLACED BY THE GOVERNMENT OF MYSORE.

No. 17262-63, dated 30th April 1931.

The following contracts were placed by the Stores Purchase Committee, during the week ending the 18th April 1931 :—

Indent No. and name of articles	Quantity	Name of firm	Value of contract
			Rs. a. p.
L.I. 1824. Compass prismatic	3	Messrs. P. Orr & Sons, Madras	294 4 0 f. o. r. Bangalore
Level, reversible	1	,, Do	338 3 0 do
Plane Table, Survey of India pattern 24"×18"×18".	5	,, James Murry & Co., Calcutta.	200 0 0 f. o. r. Calcutta
Zeiss precise level No. IV, with horizontal circle.	1	,, Lawrence & Mayo, Madras	320 0 0 f. o. r. Bangalore
,, 1760. / Extn. Oil Diesel "B"	10,000 gals.	,, Burmah-Shell Oil Storage and Distributing Co. of (India) Ltd., Bombay, through Mr. Marula Sadiah, Shimoga.	3,574 8 6 ex. Bombay or Madras.
,, 1826. Microscopes, Winkle Zeiss	2	,, T. Ramachandra Rao, Bangalore.	211 8 0
,, 1792. / Extn. Snatch Pulley Blocks	3 sets.	,, M. N. Hussain & Co., Bangalore.	111 0 0 f. o. r. Bangalore
Manilla Rope of sizes	lot.	Mr. P. S. Ramaswami, Bangalore	2,889 0 0 approximately
,, 1827. Machine, leather stitching	1.	Messrs. Singer Sewing Machine Co., Bangalore City.	225 0 0 free delivery at Tiptur.
,, 1828. Bacteriological Apparatus	lot.	Mr. T. Ramachandra Rao, Bangalore.	
		Messrs. Laboratory Supplies Co., Bangalore.	2,631 10 0 f. o. r. Bangalore
,, 1829. Safes iron	5	,, Magalam & Co., Bangalore City.	742 8 0
,, 1939. Copper scrap	6 cwt	The Chief Electrical Engineer, Bangalore.	300 0 0 ex. Stocks
F. I. 863. Lamps, plain screw socket 220 volts, 20 watts suitable for keyless pendent lamp-holders and weather proof.	5,000	Mr. D. R. Metha, Calcutta	3,229 2 8 f. o. r. Mysore
,, 864. Electrical Heating Unit	1	Messrs. Adsier Dutt & Co., London, through the Trade Commissioner for Mysore in London.	£ 67 12 9 ex. Works
			Rs. a. p.
,, 865. Wires and Cables (Foreign maintenance materials).	lot.	1 Messrs. Brough & Co., Bombay	6,721 0 0 c. i. f. Madras
		2 ,, Ellermens Arracan Rice & Trading Co., Madras.	709 8 0 do
		3 ,, J. Karka & Co., Bombay	805 10 8 do
		4 ,, India Agencies M. B. H. Hamburg.	244 0 0 do
		5 ,, Maxwell Dean & Murrey & Co., Ltd., Calcutta.	6,132 10 7 do
,, 867. Copper wire bare, 6 B. and S. hard drawn for Interior Power and Lighting.	60,000 lbs.	,, The British Insulated Cables, Ltd., Calcutta.	£ 56 10 0 do

No. S. P. C. 16976-95, dated 25th April 1931.

To

The Firms dealing in Pumping Sets.

Gentlemen,

Pumping Equipments.

Please intimate your best prices and the earliest time of delivery for the following :—

(1) Centrifugal Pumps to pump 7,500 Imperial Gallons per hour against a total head due to all causes of 150 feet, direct coupled to a suitable squirrel cage induction motor 220 volts, 25 cycle, 3 phase, 7 or 8 B.H.P., whichever you find suitable, with starting equipment, fitted with low voltage release and overload relays, and an ammeter. The pumps should be complete with foot valve, strainer, delivery valve, pressure gauge ... ... 4 sets.

The pump and the motor should be mounted on a common bed plate and coupled by means of suitable coupling.

Note.—The pumping sets must conform to the standard B.E.S.A. Specifications or the A.I.E.E. or the A.S.T.M. Standards in particular and should satisfy the requirements regarding efficiency, etc., given in the attached specification.

(2) Spare windings for the motor and bearings for the motor ... 1 set

(3) Spare parts for the pump and bearings for the pump ... ... 1 set

The price to be quoted should be for delivery f.o.r. Bangalore City Railway Station and should reach the undersigned not later than the 15th June 1931.

SPECIFICATION FOR CENTRIFUGAL PUMPS.

The pumps required on this enquiry should be of Centrifugal type, direct coupled to an Induction Motor suitable for 220 volts, 3 phase, 25 cycles. The pumps should be capable of delivering 7,500 Imperial gallons of water per hour, against a total head of 150 feet due to all causes. The pumps should be simple and rugged in design. Suitable drawings should be furnished by the firms showing details of the particular design offered.

The overall efficiency of the pump and motor should be not less than 52·5 per cent. The firms should also give the efficiency of the pump and motor separately under full load.

The pump and motor should be mounted on a common bedplate of suitable design, so that it will ensure perfect alignment for the machine. The shaft should be of the best quality steel accurately machined and polished, suitable feathers being provided for the impeller, and should be secured in a central position by means of lock-nuts. The pump bearings should be of the ring-oiled type fitted on either side of the pump and entirely separate from the stuffing box. The bearings must not only ensure perfect lubrication but also prevent undue wear due to the entrance of grit or any foreign matter into the bearings.

The pump shall be provided with all the necessary fittings such as, foot valves, delivery valves, strainers, pressure gauge, air and drain cocks, etc., and a funnel in front.

The electric motors should be of the squirrel cage induction type suitable for 3 phase, 25 cycles, 220 volts supply. The motor shall be designed for continuous operation with the temperature rise of not more than 40°C. above an ambient temperature of 35°C. and withstand an overload of 25 per cent without injurious effects. The windings of the motors shall be specially impregnated to withstand the climatic conditions of this part of India.

Suitable starting switches of a simple design should be supplied with the motor, details of which should be furnished.

No. S.P.C. 16996-17000, *dated 25th April* 1931.

To

The firms dealing in Pumping Sets.

Gentlemen,

Oil Engine for Pumping Station at Thippagondanahalli.

Please intimate your best price for the following, for delivery f.o.r. Bangalore City Railway Station :—

(1) One Oil Engine of suitable capacity, directly coupled to an A.C. Generator, 2300 volts, 3 phase, 25 cycle and 1,000 K.V.A., complete with the exciter, field rheostat, etc.

(2) One Oil engine driven pumping set capable of delivering 2,950 gallons per minute, against a head of 780 feet. This is required to duplicate electric power driven pump of 3 million gallon capacity ordered by us from Messrs. Mather & Platt, Ltd., Bombay, from whom you may obtain the necessary details about these sets.

Note.—Under item 2 above, you may also submit an alternative quotation for an oil engine driven pumping set together with a suitable A.C. Genereter of abont 250 K.V.A. Capacity 2,300 volts, 3 phase, 25 cycle, to provide the necessary power to the auxiliary equipment. This generator may be designed for being driven off the shaft of the engine or at the bottom as is found most convenient

Your quotation may be sent so as to reach this office not later than the 15th June 1931.

No. S. P. C. 17065-75, *dated 27th April* 1931.

To

The firms dealing in Points and Crossings.

Gentlemen,

60 lbs. Points and Crossings required for remodelling of coaching yard at Mysore.

Please treat our enquiry No. 15818-29, dated 1st April 1931, for switches and Crossings and dog spikes as cancelled.

You are requested instead to intimate your best prices for supply of permanent way materials described in the attached schedule which are required to be delivered in one lot before the end of June 1931, as they are required very urgently for work.

The materials should conform to B. S. Specification and their acceptance will be subject to test, inspection and approval of the Indian Stores Department on our behalf.

The prices to be quoted should be for delivery f.o.r. Mysore and should be based on R.M.C. rates which would be applicable for the materials.

Whether the materials can be completely delivered before the end of June 1931, if an order is placed for them, should be specified in your quotation, which should reach the undersigned before the 10th May 1931.

Schedule.

(1) Crossings built up of B.S. 60 R.Lb. Steel flat bottomed rails 1 in 12 with ramped wing rails for Metre Gauge Track complete with all parts and fittings. The rail ends are to be drilled for four-holled shallow fish-plates and the holes are to be 1 $\frac{1}{8}$" dia (for $\frac{7}{8}$" dia. bolts and the centres of the outside hole is to be 1 7/8" from ends of rails and other holes are to be 4" centres *vide* I.S.R. Type Drawing No. 121. Two sets are to be right-handed and the 3rd one is to be left-handed and are to conform to the schedule of Standard Dimensions for Metre Gauge Track published in 1930 ... ... 3 sets.

(2) Switches built up of B.S. 60 R. lb. steel flat bottomed rails 12' 0" long with throw-over levers and fittings such as steel slide-chairs, special gauge rail tie plate, steel keys, C.I. Distance blocks, bolts, nuts and washers complete for Metre Gauge track. The rail end are to be drilled for four-holed shallow fish-plates and the holes are to be 1 $\frac{1}{8}$" dia. (for 7/8" dia. bolts) and the centres of the outside hole is to be 1 7/8" from ends of rails and other holes are to be 4" centres, *vide* I.S.R. Type Drawing No. 121. The switches are to conform to Schedule Standard Dimensions of Indian Railway for Metre Gauge Track published in 1930. Two sets are to be right-handed and the 3rd set is to be left-handed ... ... 3 sets.

(3) Crossing built up of B S. 60 R. lb. steel flat bottomed rails 1 in 8$\frac{1}{2}$, with ramped wing rails for Metre Gauge Track complete with all parts and fittings. The rail ends are to be drilled for four-holed shallow fish-plates and the holes are to be 1 1/8" dia. (for 7/8" dia. bolts) and the centres of the outside hole is to be 1 7/8" from ends of rails and other holes are to be 4" centres *vide* I.S.R. Type Drawing No. 121. The one set is to be right handed and is to conform to the schedule of Standard Dimensions of Indian Railways for Metre gauge track published in 1930. The other set is to be lef-thanded .. .. 2 sets.

(4) Switches built up of B.S. 60 R. lb. steel flat bottomed rail 9' 0" long with throw-over levers and fittings such as steel slide-chairs, special gauge rail tie plate, steel keys, C.I. Distance blocks, bolts, nuts and washers etc., complete for Metre Gauge Track. The rail ends are to be drilled for four-holed shallow fish-plates and the holes are to be 1 1/8" dia. (for 7/8" dia. bolts) and the centre of the outside hole is to be 1 7/8" from ends of rails and other holes are to be 4" centres *vide* I.S.R. Type Drawing No. 121. The switches are to conform to Schedule of Standard Dimensions of Indian Railways for Metre Gauge Track published in 1930. One set is to be right-handed and the other set is to be left-handed ... ... 2 sets.

Yours faithfully,
M. S. RAMCHENDRA RAO,
Secretary,
Stores Purchase Commitee.